

Notice of Allowability

Application No.

10/816,759

Examiner

Mike Rahmjoo

Applicant(s)

STEVENS, MICHAEL T.

Art Unit

2628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/2/04.
2. ☒ The allowed claim(s) is/are 5-7.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 4/2/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Joseph Young on 02/05/2007.

The application has been amended as follows:

Please cancel claims 1- 4 and 8- 10.

Allowable Subject Matter

Claims 5- 7 are allowed.

The following is an examiner's statement of reasons for allowance:

None of the prior art, either singularly or in combination, fairly teaches or suggests applicant's claimed invention wherein applicant recites" using a second 3.times.3 matrix that is an inverse of the first 3.times.3 matrix and second tonal reproduction curves that are an inverse of the first tonal reproduction curves to map the profile connection space values to intermediate color space values, wherein a range of the intermediate color space values along each of three dimensions is from (0+INT-E0) to (MAX-INT+E1); using a G.times.G.times.G

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look-up table to map the intermediate color space values to second device dependent color space output values, wherein the outermost nodes of the G.times.G.times.G look-up table comprise replicas of the outermost nodes of a (G-2).times.(G-2).times.(G-2) inner portion of the G.times.G.times.G look-up table."

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US Patent 5963201 teaches A system for processing color information is based on carrying with color data, an indicator of the color space in which the data is represented. In this manner, the system is enabled to process color data from a variety of sources independent of the color space of the sources, because it is able to respond to the color space of a particular color value perform the necessary transformations to operate within any other arbitrary color and color space combination. The system provides for manipulating or combining colors independent of the source and destination color spaces. Also, the system operates on a per color component basis in user selected working color space, independent of the color space of the input or destination devices.

US Patent 5881209 teaches methods and systems for automatically generating printer profiles for color Printers to evenly distribute translation errors between device color spaces are described. Since the color spaces of source devices, e.g., monitors and scanners, differs from that of destination devices, e.g., printers, translation is necessary. As some colors may be available to source devices which are not available to destination devices, this translation is inherently imperfect. Moreover, conventional techniques apply imperfect models of the color space which further skew the results. According to the novel methods and systems described herein, a nonlinear regression technique is applied in an automated system which reduces perceptual changes.

US Patent 5806081 teaches A method and system for embedding a device profile into a document and extracting a device profile from a document in a color management system. A tagged-element device profile allows for selective access to the device profile. The method of embedding a device profile into a document include allocating memory for a buffer, sending a ready call, transferring the device profile or portions of the device profile into the buffer and writing the same in the document, and lastly, sending a completed call. The method of extracting a device profile from a document includes allocating memory for a buffer, sending a ready call, reading the device profile or portions of the device profile from the document into the buffer and transferring the same to a file, and finally, sending a completed call

Inquiry


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mike Rahmjoo whose telephone number is 571-272-7789. The examiner can normally be reached on 8 AM- 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matt Bella can be reached on 571-272-7778. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mike Rahmjoo

February 5, 2007


MATTHEW C. BELLA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600